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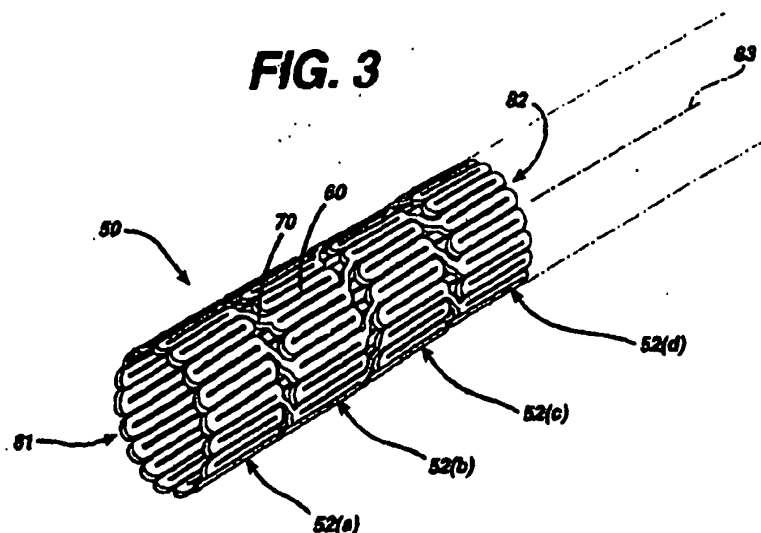
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(54) **An intravascular stent having an improved strut configuration**

(57) In accordance with the present invention, there is provided a stent for insertion into a vessel of a patient the stent is a tubular member with a predetermined a thickness. The member has front and back open ends and a longitudinal axis extending therebetween. The stent has a first smaller diameter for insertion into the vessel, and a second larger diameter for deployment into the vessel. The tubular member includes a plurality

of adjacent hoops extending between the front and back ends. The hoops are made from a plurality of longitudinal struts and a plurality of loops connecting adjacent struts. The member further includes a plurality of bridges connecting adjacent hoops to one another. The individual struts have lengths, as measured parallel to the longitudinal axis. The stent is constructed so that the ratio of the number of struts per hoop to the length of a strut, as measured in inches, is greater than about 400.





European Patent  
Office

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Application Number  
EP 99 30 0134

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Place of search THE HAGUE		Date of completion of the search 28 January 2000	Examiner Mary, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>&amp; : member of the same patent family, corresponding document</p>			

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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